| COMBINED DECLARATION FOR PATENT AND POWER OF ATTORNEY | | | | | | File No. | 95-33D1 |
|--|---|-------------|----------------|------------------------|---------------|-------------------|-----------------|
| (Includes Reference to PCT International Applications) | | | | | | 1 | 00 000 1 |
| As a below named inventor, I hereby declare that: | | | | | | | |
| My residence, post office | | | are as sta | ted below next to my | name; I bel | ieve that I am t | he original, |
| first and sole inventor (if | only one name is | s listed be | low) or ag | original-first and joi | nt inventor | (if plural names | are listed |
| below) of the subject ma | tter which is clair | med and f | or which | a patent is sought on | the invention | on entitled: | |
| | | | | | | | |
| TESTIS-SPECIFIC REC | EPTOR | | | PR 1 9 1999 🖟 | | | |
| 46 | . (-111 | | 1 | į | | | |
| the specification of which | i (check only one | e item bei | ow): 😘 | . g ⁿ | | | |
| ☐ is attached hereto ☑ was filed as United States application Serial No. 09/090,867 on June 4, 1998 | | | | | | | |
| and was amended on | | | | • | | | |
| ☐ was filed as PCT in | ternational appli | cation Nur | mber | on | | | |
| I hereby state that I have | reviewed and u | nderstand | the conte | ents of the above-ide | ntified spec | ification includi | ng the |
| claims, as amended by a | | | | | | | |
| material to the examinati | | | | | | | |
| claim foreign priority ben | | | | | | | |
| inventor's certificate(s) o | | | | | | | |
| States of America listed | | | | | | | |
| certificate(s) or any PCT | | | | | | | |
| America filed by me on the | he same subject | matter ha | ıving a filii | ng date before that of | the applica | ition(s) of which | priority is |
| claimed: | | (=)= | | | | | |
| | PR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119: NTRY APPLICATION NUMBER DATE OF FILING PRIORITY CLAIMED | | | | | | |
| COUNTRY | APPLIC | ATION NU | JWRFK | DATE OF FILING | | PRIORITY C | |
| | | | | | | ☐ YES | □ NO |
| | | | | | | ☐ YES | □ NO |
| | | | | | <u> </u> | ☐ YES | ∐ NO |
| I hereby claim the benefi | it under Title 35 | United Sta | ates Code | 119(e) of any United | l States pro | visional applica | ation(s) listed |
| below. | | | | | | | |
| U.S. APPLICATION NUMBER | | | | U.S. FILING DATE | | Pending | Abandoned |
| 60/013,345 | | | March 13, 1996 | | | | X |
| | | | | | | | |
| | | | | | | | |
| | | | | · | | | |
| I hereby claim the benefit under Title 35, United States Code 120 of any United States application(s) or PCT | | | | | | | |
| international application(s) designating the United States of America that is/are listed below and, insofar as the subject | | | | | | | |
| matter of each of the cla | | | | | | | |
| by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose material information as | | | | | | | |
| defined in Title 37, Code of Federal Regulations, 1.56 which occurred between the filing date of the prior application(s) | | | | | | | |
| and the national or PCT international filing date of this application: | | | | | | | |
| PRIOR U.S, APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT | | | | | | | |
| U.S. APPLICATIONS STATUS (check one) | | | | | | | |
| U.S. APPLICATION NUMBER U.S. FILING DATE | | | Patented | Pending | Abandoned | | |
| | | | ch 12, 199 | | | X | |
| | | | | | | | |
| | | | | | | 1 | |
| PCT APPLICATIONS DESIGNATING THE U.S. | | | | | | | |
| APPLICATION FILING DATE U.S. SERIAL NUMBERS | | | | | | | |
| ASSIGNED (if any) | | | | | | | |
| | | | 1 | | | | † |
| | | | | | | | |

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Gary E. Parker Deborah A. Sawislak Debra K. Leith Roberta A. Picard Paul G. Lunn Susan E. Lingenfelter Reg. No. 37,438 Reg. No. 31,648 Reg. No. 32,619 Reg. No. 32,625 Reg. No. 32,743 Reg. No. P-41,156 Send Correspondence To: Gary E. Parker **Direct Telephone Calls To:** ZymoGenetics, Inc. Gary E. Parker 1201 Eastlake Avenue East (206) 442-6673 Seattle, WA 98102 Full Name Family Name First Given Name Second Given Name Baumgartner James Residence City State or Foreign Country Country of Citizenship **Thousand Oaks** CA Post Office Post Office Address City State & Zip Code/Country Address 3504 Radcliffe Road Thousand Oaks CA 91360/US 2 Full Name Family Name First Given Name Second Given Name Farrah Theresa М Residence City State or Foreign Country Country of Citizenship Cairo Egypt บร Post Office Address Post Office City State & Zip Code/Country Seattle Address 822 22nd Ave. WA 98122/US First Given Name 3 Full Name Family Name Second Given Name Foster Donald Residence City State or Foreign Country Country of Citizenship Lake Forest Park WA US Post Office Post Office Address City State & Zip Code/Country WA 98155/US Address 3002 NE 181st St Lake Forest Park 4 Full Name Family Name First Given Name Second Given Name Grant Frank Residence City State or Foreign Country Country of Citizenship Seattle WA Post Office Post Office Address City State & Zip Code/Country 7714 37th NE Address Seattle WA 98115/US 5 Full Name Family Name Second Given Name First Given Name O'Hara Patrick Residence State or Foreign Country City Country of Citizenship Seattle WA US Post Office Post Office Address State & Zip Code/Country City Address 515 N. 64th St Seattle WA 98103/US 6 Full Name Family Name First Given Name Second Given Name Residence State or Foreign Country Country of Citizenship Post Office Post Office Address City State & Zip Code/Country Address I hereby declare that all statement made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application any patent issuing thereon. nature of Inventor 1 Signature of Inventor 2 Signature of Inventor 3 Date Date Signature of Inventor 4 Signature of Inventor 5 Signature of Inventor 6

Date

Date

| COMBINED DECLARATION FOR PATENT AND POWER OF ATTORNEY File No. 95- | | | | | | 95-33D1 | |
|--|---|-------------------------------------|------|------------------------------|----------|-------------|-----------|
| (Includes Reference to PCT International Applications) | | | | | | | |
| As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name; I believe that I am the original, first and sole inventor (if only one name is listed below) or an officinal, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: | | | | | | | |
| TESTIS-SPECIFIC REC | EPTOR | | (| APR 1 9 1999 | | | |
| the specification of which (check only one item below): | | | | | | | |
| ☐ is attached hereto ☑ was filed as United States application Serial No. 09/090,867 on June 4, 1998 | | | | | | | |
| and was amended on | and was amended on | | | | | | |
| ☐ was filed as PCT in | ternational appli | cation Nur | nber | on _ | | | |
| I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, 1.56. I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate(s) or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate(s) or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed: | | | | | | | |
| PRIOR FOREIGN/PCT | PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119: | | | | | | |
| COUNTRY | APPLIC | APPLICATION NUMBER DATE OF FILING | | | | PRIORITY CL | AIMED |
| | | | | | | ☐ YES | □ NO |
| | | | | | | YES | □ NO |
| I hereby claim the benefit under Title 35 United States Code 119(e) of any United States provisional application(s) listed | | | | | | | |
| below. U.S. APPLICATION NUMBER U.S. FILING DATE Pending Abandoned | | | | | | | |
| 60/013,345 | U.S. APPLICATION NUMBER | | | March 13, 1996 | | | X |
| 00/013,343 | | Marc | | 13, 1990 | | ^ | |
| - | | | | | | | |
| | | | | | | | ··· |
| I hereby claim the benefit under Title 35, United States Code 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, 1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application: | | | | | | | |
| PRIOR U.S, APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT | | | | | | | |
| U.S. APPLICATIONS STATUS (check one) | | | | | | | |
| U.S. APPLICATION | | | | ING DATE | Patented | Pending | Abandoned |
| 08/815,773 | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| PCT APPLICATIONS DESIGNATING THE U.S. | | | | | | | |
| APPLICATION | FILING D | AIE . | | RIAL NUMBERS NED (if any) | | | |
| | | | | | | | |
| L | | | L | | L | . L | L |

Gary E. Parker Deborah A. Sawislak Debra K. Leith Roberta A. Picard Paul G. Lunn Susan E. Lingenfelter Reg. No. 31,648 Reg. No. 37,438 Reg. No. 32,619 Reg. No. 32,625 Req. No. 32,743 Reg. No. P-41,156 Send Correspondence To: Gary E. Parker **Direct Telephone Calls To:** ZymoGenetics, Inc. Gary E. Parker 1201 Eastlake Avenue East (206) 442-6673 Seattle, WA 98102 Full Name Family Name First Given Name Second Given Name Baumgartner James Residence State or Foreign Country Country of Citizenship **Thousand Oaks** CA Post Office Post Office Address State & Zip Code/Country 3504 Radcliffe Road Address Thousand Oaks CA 91360/US Second Given Name 2 Full Name Family Name First Given Name Farrah Theresa M. State or Foreign Country Residence City Country of Citizenship Cairo Egypt Post Office Post Office Address State & Zip Code/Country City Address 822 22nd Ave. WA 98122/US Seattle 3 Full Name Family Name First Given Name Second Given Name Foster Donald Residence City State or Foreign Country Country of Citizenship Lake Forest Park WA US Post Office Post Office Address City State & Zip Code/Country 3002 NE 181st St Lake Forest Park Address WA 98155/US 4 Full Name Family Name First Given Name Second Given Name Grant Frank Residence State or Foreign Country City Country of Citizenship Seattle WA Post Office Post Office Address City State & Zip Code/Country Address 7714 37th NE Seattle WA 98115/US 5 Full Name Family Name First Given Name Second Given Name O'Hara Patrick Residence City State or Foreign Country Country of Citizenship Seattle WA Post Office Address Post Office City State & Zip Code/Country Address 515 N. 64th St Seattle WA 98103/US Full Name 6 Family Name First Given Name Second Given Name Residence State or Foreign Country Country of Citizenship Post Office Post Office Address City State & Zip Code/Country Address I hereby declare that all statement made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application any patent issuing thereon. Signature of Inventor 1 Signature of Inventor 2 Signature of Inventor 3 Date Date Date 16 February 1999 Signature of Inventor 4 Signature of Inventor 5 Signature of Inventor 6 Date Date Date

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute

this application and transact all business in the Patent and Trademark Office connected therewith.

| COMBINED DECLARATION FOR PATENT AND POWER OF ATTORNEY (Includes Reference to PCT International Applications) File No. 95-33E | | | | | | 95-33D1 | |
|--|--|-------------|--|----------------|----------|-------------|--------------|
| As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name; I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: | | | | | | | |
| TESTIS-SPECIFIC REC | EPTOR | | 1 | APR 1 9 1999 & | | | |
| the specification of which (check only one item below): | | | | | | | |
| ☐ is attached hereto ☑ was filed as United States application Serial No. 09/090,867 on June 4, 1998 | | | | | | | |
| and was amended on | and was amended on | | | | | | |
| was filed as PCT in | ternational applic | cation Nur | mber | on | _ | | |
| I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, 1.56. I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate(s) or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate(s) or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed: | | | | | | | |
| | OR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119: | | | | | | AIMED |
| COUNTRY | APPLIC | ATION NU | NIBEK. | DATE OF FILING | • | PRIORITY CL | .AIMED □ NO |
| | | | | • | | ☐ YES | □ NO |
| | | | | | | ☐ YES | □ NO |
| I hereby claim the benefit under Title 35 United States Code 119(e) of any United States provisional application(s) listed below. | | | | | | | |
| U.S. APPLICATION NUMBER | | | U.S. FILING DATE | | | Pending | Abandoned |
| 60/013,345 | | | March 13, 1996 | | | | X |
| | | | | | | | |
| | | | | | | | |
| I hereby claim the benefit under Title 35, United States Code 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, 1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application: | | | | | | | |
| PRIOR U.S, APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT | | | | | | | |
| U.S. APPLICATIONS STATUS (check one) U.S. APPLICATION NUMBER U.S. FILING DATE Patented Pending Abandoned | | | | | | | 1 Abandara |
| U.S. APPLICATION NUMBER | | More | | | Patented | - | Abandoned |
| 08/815,773 March 12, 1997 X | | | | | | | |
| | | | | | | | |
| PCT APPLICATIONS DESIGNATING THE U.S. | | | | | | | |
| APPLICATION | FILING DA | | U.S. SERIAL NUMBERS ASSIGNED (if any) | | | | |
| | | | | | | | |

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Gary E. Parker Deborah A. Sawislak Debra K. Leith Roberta A. Picard Paul G. Lunn . Susan E. Lingenfelter Reg. No. 31,648 Reg. No. 37,438 Reg. No. 32,619 Reg. No. 32,625 Req. No. 32,743 Reg. No. P-41,156 **Direct Telephone Calls To: Send Correspondence To:** Gary E. Parker Gary E. Parker ZymoGenetics, Inc. 1201 Eastlake Avenue East (206) 442-6673 Seattle, WA 98102 1 Full Name Family Name First Given Name Second Given Name Baumgartner James Residence State or Foreign Country Country of Citizenship Thousand Oaks CA Post Office Post Office Address State & Zip Code/Country 3504 Radcliffe Road CA 91360/US Address Thousand Oaks Full Name 2 Family Name First Given Name Second Given Name Farrah Theresa Country of Citizenship Residence City State or Foreign Country Cairo US Egypt Post Office Address State & Zip Code/Country Post Office City 822 22nd Ave. Seattle WA 98122/US Address 3 Full Name Family Name First Given Name Second Given Name Foster Donald Residence State or Foreign Country Country of Citizenship City Lake Forest Park WA US Post Office Post Office Address City State & Zip Code/Country 3002 NE 181st St WA 98155/US Lake Forest Park Address Full Name Family Name First Given Name Second Given Name 4 Grant Erank Francis State or Foreign Country Country of Citizenship Residence City Seattle Post Office Post Office Address City State & Zip Code/Country Address 7714 37th NE Seattle WA 98115/US 5 Full Name Family Name First Given Name Second Given Name O'Hara Patrick Residence City State or Foreign Country Country of Citizenship Seattle WA US Post Office Post Office Address State & Zip Code/Country Seattle WA 98103/US 515 N. 64th St Address 6 Full Name Family Name First Given Name Second Given Name Residence State or Foreign Country Country of Citizenship City Post Office Post Office Address State & Zip Code/Country City **Address** I hereby declare that all statement made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or

imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application any patent issuing thereon.

| Signature of Inventor 1 | Signature of Inventor 2 | Signature of Inventor 3 |
|-------------------------|-------------------------|-------------------------|
| Date | Date | Date 2.8.99. |
| Signature of hyentor 4 | Signature of Inventors | Signature of Inventor 6 |
| Date 2/9/99 | Dale 2/9/99 | Date |